



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

Application Number	10/626,785
Filing Date	July 24, 2003
First Named Inventor	Michael Lebner
Art Unit	3731
Examiner Name	Darwin P. EREZO
Attorney Docket Number	0156-2006US01

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
↓	DE	US- 5,738,642	04-14-1998	Steven B. Heinecke et al.	
		US- RE24,906	07-26-1859	Simeon Goodfellow	
		US- 3,645,835	02-29-1972	Martin E. Hodgson	
		US- 4,112,213	09-05-1978	Harold Louis Waldman	
		US- 4,310,509	01-12-1982	Claire Berglund et al.	
		US- 4,323,557	04-06-1982	Paul D. Russo et al.	
		US- 5,531,855	07-02-1996	Steven B. Heinecke et al.	
		US- 5,738,642	04-14-1998	Steven B. Heinecke et al.	
		US- RE24,906	12-13-1960	Erwin W. Ulrich	
		US- RE33,353	09-25-1990	Steven B. Heinecke	
		US- RE33,727	10-29-1991	Larry A. Sims	
		US- 2,532,011	11-28-1950	C.A. Dahlquist et al.	
		US- 3,020,186	02-06-1962	L. Lawrence	
		US- 3,329,548	07-04-1967	R.A. Blatz	
		US- 3,389,827	06-25-1968	J.F. Abere	
		US- 4,374,520	02-22-1983	Frederic Grossmann	
		US- 4,310,509	01-12-1982	Claire A. Berglund	
		US- 4,323,557	04-06-1982	Paul D. Russo et al.	
		US- 4,413,621	11-08-1983	Robert W. McCracken	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
DE	B1	WO2005/079674A1	01-09-2005	Jerry John		

Examiner Signature	/Darwin Erezoz/	Date Considered	12/22/2006
-----------------------	-----------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 6

**Complete if Known**

Application Number	10/626,785
Filing Date	July 24, 2003
First Named Inventor	Michael Lebner
Art Unit	3731
Examiner Name	Darwin P. EREZO
Attorney Docket Number	0156-2006US01

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DE		US- 4,472,480	09-18-1984	Paul. E. Olson	
		US- 4,328,057	05-04-1982	Bernard S. Gutow	
		US- 4,485,809	12-04-1984	James P. Dellas	
		US- 4,499,896	02-19-1985	Steven B. Heinecke	
		US- 4,524,095	06-18-1985	Kal-Heinz Gockel et al.	
		US- 4,545,371	10-08-1985	Frederic Grossmann	
		US- 4,549,063	10-22-1985	T. Liem Ang	
		US- 4,587,146	05-06-1986	Dieter Anhauser	
		US- 4,590,022	05-20-1986	Gheorge Cioca	
		US- 4,595,001	06-17-1986	William D. Potter	
		US- 4,595,011	06-17-1986	Michael Phillips	
		US- 4,596,738	06-24-1986	Peter J. Metcalfe	
		US- 4,600,001	07-15-1986	Thomas Gilman	
		US- 4,614,183	09-30-1986	Robert W. McCracken	
		US- 4,664,106	05-12-1987	Marvin L. Snedeker	
		US- 4,678,462	07-07-1987	Vincent L. Vaillancourt	
		US- 4,706,662	11-17-1987	Darrell R. Thompson	
		US- 4,737,410	04-12-1988	Steven S. Kantner	
		US- 4,753,232	06-28-1988	William J. Ward	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> * Number * Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/Darwin Erez0/

Date  
Considered

12/22/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	3	of	6
-------	---	----	---

**Complete if Known**

Application Number	10/626,785
Filing Date	July 24, 2003
First Named Inventor	Michael Lebner
Art Unit	3731
Examiner Name	Darwin P. EREZO
Attorney Docket Number	0156-2006US01

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DE		US- 4,787,380	11-29-1988	David F. Scott	
		US- 5,088,483	02-18-1992	Steven B. Heinecke	
		US- 5,106,383	04-21-1992	Robert S. Mulder	
		US- 5,160,315	11-03-1992	Steven B. Heinecke	
		US- 5,685,833	11-11-1997	Christina Margaret Turngren	
		US- 5,849,325	12-15-1998	Steven B. Heinecke	
		US- 5,891,078	04-06-1999	Christina M. Turngren	
		US- 5,981,823	11-09-1999	Christina M. Turngren	
		US- 6,129,971	10-10-2000	Patricia J.A. Brandt	
		US- 6,149,614	11-21-2000	Wayne K. Dunshee	
		US- 6,169,224	01-02-2001	Steven B. Heinecke	
		US- 6,264,976	07-24-2001	Steven B. Heinecke	
		US- 6,364,188	04-02-2002	Wayne K. Dunshee	
		US- 6,420,622	07-16-2002	Raymond P. Johnston	
		US- 6,436,432	08-20-2002	Steven B. Heinecke	
		US- 6,461,467	10-08-2002	Todd A. Blatchford	
		US- 6,548,727	04-15-2003	Mary M. Swenson	
		US- 6,566,575	05-20-2003	Steven B. Stickels	
		US- 6,607,799	08-19-20003	Steven B. Heinecke	

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature	/Darwin Erez/	Date Considered	12/22/2006
-----------------------	---------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	4	of	6
-------	---	----	---

**Complete if Known**

Application Number	10/626,785
Filing Date	July 24, 2003
First Named Inventor	Michael Lebner
Art Unit	3731
Examiner Name	Darwin P. EREZO
Attorney Docket Number	0156-2006US01

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DE		US- 5,336,162	08-09-1994	Junzo Ota	
		US- 5,733,570	03-31-1998	Yen-Lane Chen	
		US- 6,822,133	11-23-2004	Michael Lebner	
		US- 6,329,564	12-11-2001	Michael Lebner	
		US- 5,263,970	11-23-1993	Preller	
		US- 6,831,205	12-14-2004	Michael Lebner	
		US- 1,074,413	09-30-13	De Baun et al.	
		US- 1,230,444	06-19-17	Teed	
		US- 2,196,296	05-9-40	Flynn	
		US- 4,423,731	01-3-84	Roomi	
		US- Re. 31,887	May-14-85	Hodgson	
		US- 5,176,703	01-5-93	Peterson	
		US- 5,263,970	11-23-93	Preller	
		US- 5,425,702	06-20-95	Carn et al.	
		US- 5,534,010	07-9-96	Peterson	
		US- 5,779,659	07-14-98	Allen	
		US- 6,329,564	12-11-01	Michael Lebner	
		US- 2005/0182443	08-18-2005	Jerry John	
		US- 2004/0204740	10-14-2004	L. P. Weiser	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Darwin Erez/	Date Considered	12/22/2006
-----------------------	---------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/626,785
		Filing Date	July 24, 2003
		First Named Inventor	Michael Lebner
		Art Unit	3731
		Examiner Name	Darwin P. EREZO
Sheet 5	of 6	Attorney Docket Number	0156-2006US01

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DE	C1	Packaging and instruction sheet for "umbilical hernia plaster" produced by Lohmann GmbH & Co., KG (Postfach 23 43, D-56513 Neuwied, Germany); undated.	
DE	Ca	Stalar: "A more effective way to wound closure," by S. Paris, Abstract, Pub. by 43 Intern'l Sci. and Eng. Fair, Nashville, Tennessee, May 10, 1992, p. 257.	

Examiner Signature	/Darwin Erezoz/	Date Considered	12/22/2006
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

P0040771.PDF

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6

of 6

**Complete if Known**

Application Number	10/626,785
Filing Date	July 24, 2003
First Named Inventor	Michael Lebner
Art Unit	3731
Examiner Name	Darwin P. EREZO
Attorney Docket Number	0156-2006US01

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DE		US- 6,495,230	12-17-2002	do Canto	
		US- 4,646,731	03-03-1987	Brower	
		US- 2,762,371	09-11-1956	T. B. Guio	
		US- 4,753,232	06-28-1988	Ward	
		US- 4,926,850	05-22-1990	Lott et al.	
		US- 5,135,518	08-04-1992	Vera	
		US- 5,733,251	03-31-1998	Johns	
		US- 5,979,450	11-09-1999	Baker et al.	
		US- 1,969,188	10-21-1932	Spicer	
		US- 2,818,865	09-08-1953	Jacoby, Jr.	
		US- 4,825,866	05-02-1989	Pierce	
		US- 6,596,917	07-22-2003	Oyaski	
		US- 2004/0106888 A1	06-2004	Lutri et al.	
		US- 6,982,359 B1	01-2006	Beaudry, Wallace J.	
		US- 4,950,282	08-21-1990	Beisang	
		US- 4,825,866	05-02-1989	Pierce	
		US- 4,141,363	02-27-1979	James et al.	
		US- 2005/0182443	08-18-2005	Jonn et al.	
		US- 2004/0243040	07-02-04	Weiser	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner  
Signature

/Darwin Erez0/

Date  
Considered

12/22/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.